LU06.A02_tmp - SQL-DDL: Table Management

Requirements

- Work type: Individual
- Timeframe: 20 Minutes
- Means of aid:
    - Only teaching materials, no websearch, no use of ai.
    - Webstorm including MySQL
- Expected result: Semsntically and syntactically correct SQL statements according to the requirements of the case studies.

Case studies / Assignments

Here are six tasks related to MySQL table management, covering CREATE TABLE, ALTER TABLE, and

DROP TABLE commands.Have fun 😎

Task A: CREATE TABLE

Create a table called employees with the following columns:

- employee_id (INT) as the primary key
- first_name (VARCHAR 50)
- last_name (VARCHAR 50)
- hire_date (DATE)
- salary (DECIMAL)

Task B: CREATE TABLE

Create a table called products to store inventory information. The table should have:

- product_id (INT) as an auto-incrementing primary key.
- product_name (VARCHAR 100).
- category (VARCHAR 50).
- price (DECIMAL).
- stock_quantity (INT).

Task C: ALTER TABLE

Add a new column email (VARCHAR 100) to the employees table.

TASK D: MODIFY COLUMN

Change the salary column's data type to FLOAT in the employees table.

TASK E: DROP COLUMN

Remove the stock_quantity column from the products table.

TASK F: DROP TABLE

Completely remove the orders table from the database.

Solution

[Lösung]

Vocabulary

English	German
…	…
…	…

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